




AIR Venturi

Hand Pump Owner's Manual

 **WARNING:** Pump is only for use with compressed air guns. Do not use for charging breathing apparatus.

Setup

1. Attach the baseplate and handle

The Air Venturi hand pump comes almost completely set up. All you have to do is attach the baseplate and handle with the four screws provided.

The pump is now ready to operate. Check the adapter to make sure the large O-ring is in its place in the end of the adapter where the air tank attaches.

The components of the pump-to-air-tank adapter assembly



Note: It is not necessary to tighten the adapter assembly very tight to prevent air loss. The rubber seals will keep the assembly airtight with just finger-tightening. You should be able to unscrew all parts of the adapter assembly at any time, except when it is under pressure.

Pump bleed screw

2. Attach the air tank to the pump

Screw the air tank into the adapter. The tank does not have to be very tight to seal the air. From time to time, coat the large O-ring with a thin coat of pure silicone grease (diver's silicone) to keep it supple.

3. Close the pump bleed screw and start pumping

Use complete strokes in both directions and allow a second at each stop for the air to flow through the ports inside the pump. Do not hurry because the pump needs time to work properly.

At first, it may seem like no air is going into the tank. This is normal. If the tank is completely empty, it may take a number of pump strokes before the needle on the gauge starts to move.

It takes about 12-13 deliberate pump strokes to raise the tank pressure 100 pounds per square inch (psi).

4. Finish pumping and disconnect the air tank

When the desired pressure has been reached, stop pumping and bleed the air from the base of the pump by opening the brass screw located beneath the gauge. Air will rush out a small hole next to the bleed screw, carrying moisture with it.

When the air has been bled out of the pump base, you can disconnect the air tank and use it. Leave the adapter connected to the base of the pump.

5. Warranty

The hand pump is warranted to be free from defects in materials and workmanship for a period of one year after purchase. This warranty does not apply if there is evidence of disassembly. For warranty claims, contact Air Venturi at 216-896-0893 or write to:

Air Venturi
26800 Fargo Ave., Unit #L
Bedford Heights, OH 44146

A dated proof of purchase is required for all warranty claims.

